CLAIMS

The invention claimed is:

1.   One or more computer-readable media, having computer-usable instructions embodied thereon for performing a method of printing cable-label records on a printing device, the method comprising:

receiving search criteria for one or more cable-label records, wherein said cable-label records were previously stored in a storage component;

identifying one or more records in said storage component corresponding to the search criteria; and

providing a data stream that when rendered by the printing device produces cable-label records displaying content of the identified records in a prescribed format.

2.   The media of claim 1, wherein the search criteria include at least:

a first search parameter; and

a second search parameter.

3.   The media of claim 2, wherein the cable-label records include content that is to be printed on the cable-label records.

4.   The media of claim 3, wherein said content includes a plurality of identifiers indicating one of: a cable type, a number of runs, a racks description, racks location information, an equipment description, an equipment designation, a termination type and/or a textual note notes.

5. The media of claim 3, wherein identifying one or more records comprises assembling a query from the first and second search parameters.

6. The media of claim 5, wherein identifying one or more records further includes searching the storage component against the assembled query for records matching the search criteria and returning the matching records.

7. The media of claim 5, wherein the data stream includes an output file.

8. The media of claim 1, wherein the prescribed format includes at least one selection from the following:

a binary file;

an ASCII file; and

a delineated text file, including a delimiter.

9. A method for printing cable-label records on a printing device, comprising:

creating one or more cable-label records to be stored in a storage component;

receiving search criteria for retrieving one or more the cable-label records;

identifying at least one record in the storage component corresponding to the search criteria; and

providing a data stream that when rendered by the printing device produces cable-label records displaying content of the identified record(s) in a prescribed format.

10.   The method of claim 9, wherein creating the cable-label records comprise receiving indicia related to one or more cable-label records and storing the indicia in the storage component.

11.   The method of claim 9, wherein said indicia includes a plurality of fields indicating one of: a cable type, a number of runs, a racks description, racks location information, an equipment description, an equipment designation, a termination type and/or a textual note notes.

12.   The method of claim 11, wherein the search criteria includes:

a first search parameter; and

a second search parameter.

13.   The method of claim 12, wherein identifying one or more cable-label records comprises assembling a query from the first and second search parameters.

14.   The method of claim 13, wherein identifying one or more records further includes searching the storage component against the assembled query for records matching the search criteria and returning the matching records.

15.   A system for printing cable-label records, comprising:

a user interface operationally coupled to a storage component for receiving a search string to query the storage component for one or more records; and

a cable-label records controller that receives the query result and converts the result into a prescribed format whereby the query result can be rendered on a printing device.

16. The system of claim 15, wherein the prescribed format includes at least one selection from the following:

an ASCII file; and

a delimited text file.

17. The system of claim 16, wherein the query result comprises all cable-label records that match the search criteria.

18. A method of creating cable-label records, comprising

storing a set of data related to a cable in one or more computer-readable media;

generating a cable-label records record in a structured format from the set of data; and

storing the cable-label records record in one or more computer-readable media for subsequent recall.